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Notice of Allowability	Application No.	Applicant(s)
	10/774,013	AISO ET AL.
	Examiner	Art Unit
	Christina Russell	2837

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTO-85) or other appropriate communication will be mailed in due course. THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. This communication is responsive to the amendment filed on 2/17/2006.
2. The allowed claim(s) is/are 1-12.
3. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) All b) Some* c) None of the:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

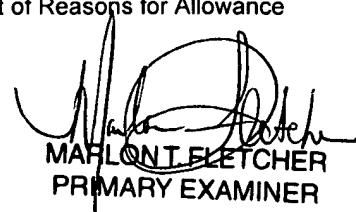
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) hereto or 2) to Paper No./Mail Date _____.
 - (b) including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- 1. Notice of References Cited (PTO-892)
- 2. Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3. Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date 2/06
- 4. Examiner's Comment Regarding Requirement for Deposit
of Biological Material
- 5. Notice of Informal Patent Application (PTO-152)
- 6. Interview Summary (PTO-413),
Paper No./Mail Date _____.
- 7. Examiner's Amendment/Comment
- 8. Examiner's Statement of Reasons for Allowance
- 9. Other _____.



MARLON T. FLETCHER
PRIMARY EXAMINER

DETAILED ACTION

Specification

The amendment made to the specification, starting on page 24, line 12, to conform the specification to Figure 10A, is accepted.

Information Disclosure Statement

The IDS filed on 2/17/2006 has been considered.

Allowable Subject Matter

1. Claims 1-12 are allowed.

2. The following is an examiner's statement of reasons for allowance:

3. The prior art relied upon in the first office action rejection by Suyama (US 2002/0156547) and Kohyama (US 2003/0059066) no longer teach all the claimed elements of the independent claims 1, 5, 6, 7, 11 and 12, and no other prior art references could be found that teach said claimed elements, therefore the independent claims and their dependent claims are considered allowable.

4. In terms of the independent claims 6 and 11, previously rejected by Suyama, the applicant was correct in pointing out that Suyama does not teach the ability to

selectively assign and display a channel or port name allocated to a specified channel. Suyama provides the option of assigning a name to a channel but does not allow that channel to be displayed for a given input. Also, Suyama does not provide multiple name assignment modes for varying situations, whether the input is named through a port or channel. Therefore claim 6, its dependent claim 9, and claim 1 are considered allowable.

5. In terms of independent claims 1 and 5, previously rejected using Suyama in view of Kohyama, Suyama teaches the setting of data corresponding to a given scene but fails to teach the setting of range data, which specifies certain data to be recalled. It was previously stated that Kohyama teaches the ability to adjust a range of data for a selected channel, however it merely adjusts the parameters of the range and does not define which set are to be recalled. Claims 1 and 5 more clearly define what is meant by the “setting of range data”, and what the applicant wishes to claim as their invention, and therefore claim 1, its dependent claims 2-4, and claim 5 are considered allowable.

6. In terms of independent claims 7 and 12, previously rejected using Suyama in view of Kohyama, Suyama once again does not teach the ability to selectively assign and display a channel or port name allocated to a specified channel, nor does he use a predetermined code in determining the displayed channel name, as stated in the first action. Kohyama however was stated to teach this deficiency. At second look, Kohyama does not specifically define how the code provided interlocks with the display, and it fails to provide any proof that it might be able to determine the name of a given channel using said code. The code taught is simply a standard operational code connected to a

display device, which also connects one or more channels together. Presently, claims 7 and 12 more clearly defines what the applicant wishes to claim as their invention, and therefore claim 7, its dependent claims 8 and 10, and claim 12 are considered allowable.

7. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

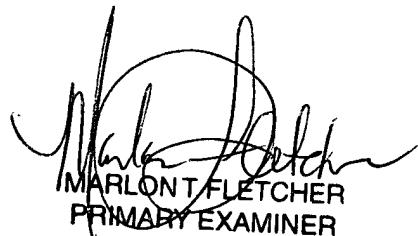
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Christina Russell whose telephone number is 571-272-4350. The examiner can normally be reached on Mon-Fri, 8-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Paula Bradley can be reached on 571-272-2800 ext. 33. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

CR
3/17/2006



MARLON T FLETCHER
PRIMARY EXAMINER